

**** This worksheet is for informational purposes only. ****

- Use this worksheet to determine how many animal units would be present on your operation under the revised method for calculating animal units. A Wisconsin Pollutant Discharge Elimination System (WPDES) permit is required for all livestock/poultry operations that will contain 1,000 or more animal units.

Complete the following four steps:

1. Enter the current number of head of each animal type on your operation to the left of the equal sign (=) in both Column A and Column B. Use the highest number of animals on-site at any time during the past year, and include all animals at adjacent locations or under common management. Multiply this number by the Equivalency Factor to calculate the equivalent number of animal units for each animal type.
2. Add all rows with equivalent animal units in Column A together and enter this total at the bottom of Column A. For Column B, enter the equivalent animal unit number from the row with the highest animal unit number, at the bottom of Column B. If either of the numbers at the bottom of Column A or B is equal to 1,000 or more animal units, the operation would need to apply for a WPDES permit.

ANIMAL TYPE		A. NUMBER OF MIXED ANIMAL UNITS (CURRENT NR 243 EQUIVALENCIES)			B. NUMBER OF NON-MIXED ANIMAL UNITS (FEDERAL EQUIVALENCIES)		
		Equ. Fac.	Number of animals	Equivalent Animal Units	Equ. Fac.	Number of animals	Equivalent Animal Units
Example- Broilers (non-liquid manure):		.005 x	150,000	= 750 AU	.008 x	150,000	= 1200 AU
DAIRY/BEEF CALVES (under 400 lbs.)		0.2 x		=	(Note: Federal numbers in this column comply with 40 CFR s. 122.23.)		
DAIRY CATTLE	Milking and Dry Cows	1.4 x		=	1.43 x		=
	Heifers (800 lbs. to 1200 lbs.)	1.1 x		=	1.0 x		=
	Heifers (400 lbs. to 800 lbs.)	0.6 x		=	(categories combined: Heifers (400-1200 lbs))		
BEEF	Steers or Cows (400 lbs. to market)	1.0 x		=	1.0 x		=
	Bulls (each)	1.4 x		=	(categories combined: cattle (400-1200 lbs))		
VEAL CALVES		0.5 x		=	1.0 x		=
SWINE	Pigs (55 lbs. to market)	0.4 x		=	0.4 x		=
	Sows (each)	0.4 x		=	(categories combined: swine (55 lbs. to market))		
	Boars (each)	0.5 x		=			
	Pigs (up to 55 lbs.)	0.1 x		=	0.1 x		=
CHICKENS	Layers (each)-non-liquid system	0.01 x		=	0.0123 x		=
	Broilers/Pullets (each)-non-liquid system	0.005 x		=	0.008 x		=
	Layers or Broilers-liquid system	0.033 x		=	0.0333 x		=
DUCKS	Ducks (each)-liquid system	0.2 x		=	0.2 x		=
	Ducks (each)-non-liquid system	0.01 x		=	0.0333 x		=
TURKEYS (each)		0.018 x		=	0.018 x		=
SHEEP (each)		0.1 x		=	0.1 x		=
HORSES (each)		2.0 x		=	2.0 x		=
TOTAL ANIMAL UNITS:		TOTAL <u>MIXED</u> AU = (add all rows above)			TOTAL <u>NON-MIXED</u> AU = (enter the single highest number from any row above; do NOT add the totals)		